

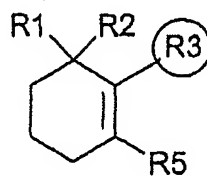
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of the claims in the application:

Listing of Claims:

1. – 28. (cancelled)

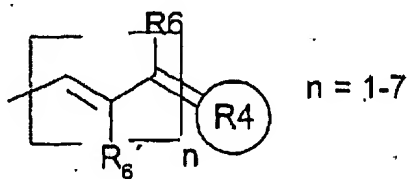
29. (new) A composition of matter which is suitable for use on skin or hair, wherein the composition comprises one or more compounds of formula A:



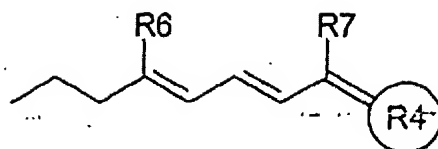
wherein

- R1, R2 and R5 are independently selected from hydrogen, methyl, ethyl, propyl, isopropyl, butyl, tert-butyl, hydroxymethyl, hydroxyethyl, hydroxypropyl, hydroxy and carboxylic acid alkyl esters having alkyl radicals selected from methyl, ethyl, propyl and butyl,
- R3 is selected from groups of formulae (I) to (XIX):

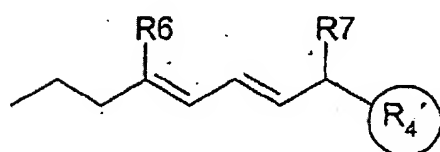
(I)



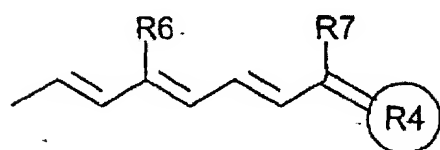
(II)



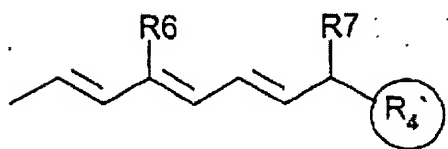
(III)



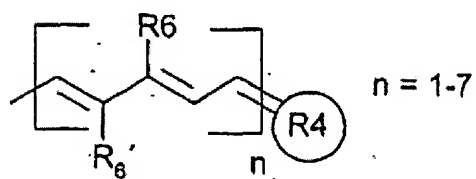
(IV)



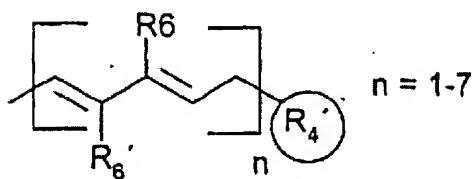
(V)



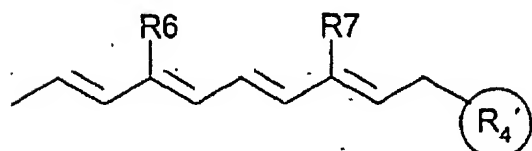
(VI)



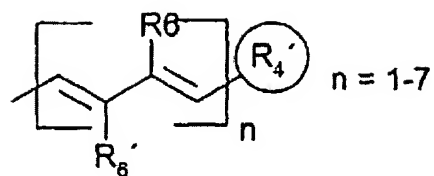
(VII)



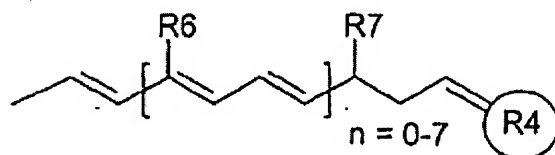
(VIII)



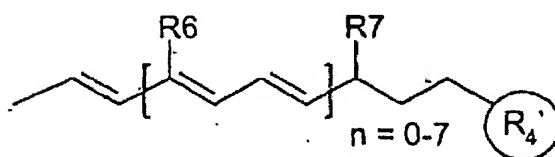
(IX)



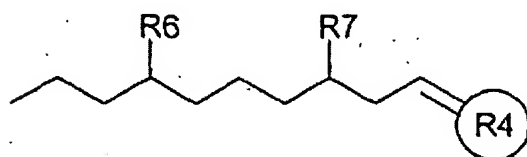
(X)



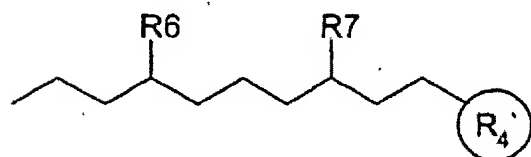
(XI)



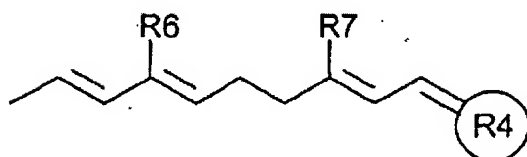
(XII)



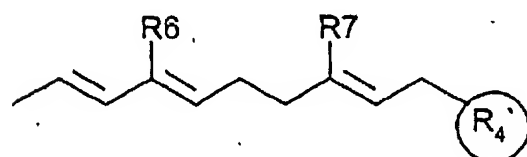
(XIII)



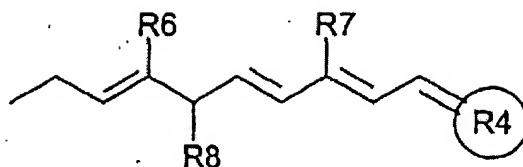
(XIV)



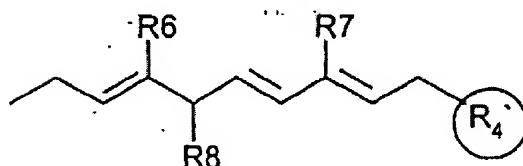
(XV)



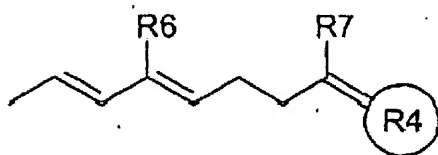
(XVI)



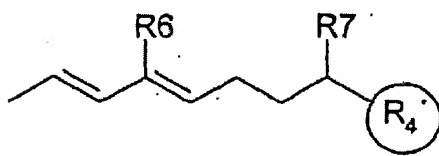
(XVII)



(XVIII)



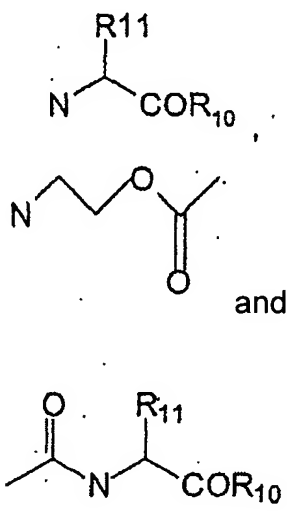
(XIX)



wherein

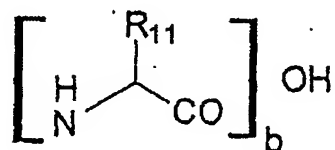
- R6, R6', R7 and R8 are independently selected from hydrogen, methyl, ethyl, propyl, isopropyl, butyl, tert-butyl, hydroxymethyl, hydroxyethyl, hydroxypropyl, hydroxy and carboxylic acid alkyl esters having alkyl radicals selected from methyl, ethyl, propyl and butyl,
- R4 is selected from
 - carbonyl oxygen,
 - amino acid radicals Ala, Ser, Gly, Val, Leu, Ile, Pro, Trp, Phe, Met Tyr, Thr, Cys, Asn, Asp, Glu, Lys, Arg, Gln, H, Orn, Sar, Hyl, Hyp, Hse or Hcy,

- radicals of formulae $N-OH$, $N-(CH_2)_x-OH$, $N-(CHR_9)_x-CH_2OH$,
 $N-(CHR_9)_x-OH$, $N-(CH_2)_x-OCOMe$, where $x = 1-10$, and
- radicals of formulae

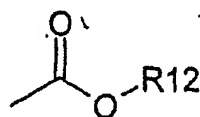


- R_9 is selected from hydrogen and hydroxy,
- R_{11} is selected from methyl, hydroxymethyl, hydrogen, ethyl, propyl, prop-2-yl, butyl, isobutyl, but-2-yl, pyrrolidine-1,2-diyl, 1H-indol-3-ylmethyl, benzyl, 2-(methylthio)ethyl, 4-hydroxybenzyl, 1-hydroxyethyl, mercaptomethyl, 2-amino-2-oxoethyl, carboxymethyl, carboxyethyl, 4-aminobutyl, 3-[[amino(imino)methyl]-amino]propyl, 3-amino-3-oxopropyl, N-Me, 3-aminopropyl, 1H-imidazol-4-ylmethyl, 4-amino-3-hydroxybutyl, 4-hydroxypyrrolidine-1,2-diyl, hydroxyethyl, and 2-mercaptoethyl,
- R_{10} is selected from
 - hydroxy,

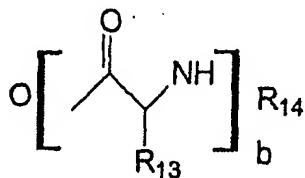
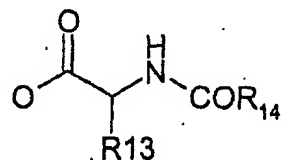
- peptidically N-linked amino acid radicals selected from Ala, Ser, Gly, Val, Leu, Ile, Pro, Trp, Phe, Met Tyr, Thr, Cys, Asn, Asp, Glu, Lys, Arg, Gln, H, Orn, Sar, Hyl, Hyp, Hse or Hcy,
- radicals of formula



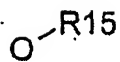
where b = 1-6, or



- R12 is selected from mono- and polysaccharides,
- R4' is selected from
 - amino acid radicals Ala, Ser, Gly, Val, Leu, Ile, Pro, Trp, Phe, Met Tyr, Thr, Cys, Asn, Asp, Glu, Lys, Arg, Gln, H, Orn, Sar, Hyl, Hyp, Hse, Hcy, and
 - radicals of formulae



where b = 1-6, or



- R13 is selected from methyl, hydroxymethyl, hydrogen, ethyl, propyl, prop-2-yl, butyl, isobutyl, but-2-yl, pyrrolidine-1,2-diyl, 1H-indol-3-ylmethyl, benzyl; 2-(methylthio)ethyl, 4-hydroxybenzyl, 1-hydroxyethyl, mercaptomethyl, 2-amino-2-oxoethyl, carboxymethyl, carboxyethyl, 4-aminobutyl, 3-[[amino(imino)methyl]-amino]propyl, 3-amino-3-oxopropyl, N-Me, 3-aminopropyl, 1H-imidazol-4-ylmethyl, 4-amino-3-hydroxybutyl, 4-hydroxypyrrolidine-1,2-diyl, hydroxyethyl, and 2-mercaptoethyl,
 - R14 is selected from hydroxy, hydrogen and peptidically O-linked amino acid radicals selected from Ala, Ser, Gly, Val, Leu, Ile, Pro, Trp, Phe, Met Tyr, Thr, Cys, Asn, Asp, Glu, Lys, Arg, Gln, H, Orn, Sar, Hyl, Hyp, Hse, Hcy, and
 - R15 is selected from mono- and polysaccharides;
- and at least one additional component or element.

30. (new) The composition of matter of claim 29, wherein the composition comprises a cosmetic preparation, a dermatological preparation, a polymer matrix, a skin covering, a wound covering, a bandage, a wipe, a pad, a spray or a textile.

31. (new) The composition of matter of claim 29, wherein the composition is a cosmetic preparation or a dermatological preparation.

32. (new) The composition of matter of claim 30, wherein R1, R2, R5, R6, R7 and R8 are methyl radicals, and R4 is carbonyl oxygen.

33. (new) The composition of matter of claim 32, wherein the composition comprises a compound of formula A wherein R3 is a group of formula (I) where $n = 1$ or 2 and $R6' =$ hydrogen or methyl.

34. (new) The composition of matter of claim 32, wherein the composition comprises a compound of formula A wherein R3 is a group of formula (II) where $R4 =$ carbonyl oxygen.

35. (new) The composition of matter of claim 32, wherein the composition comprises a compound of formula A wherein R3 is a group of formula (III) where $R4' =$ O-glycosyl.

36. (new) The composition of matter of claim 32, wherein the composition comprises a compound of formula A wherein R3 is a group of formula (IV) where $R4 =$ carbonyl oxygen.

37. (new) The composition of matter of claim 32, wherein the composition comprises a compound of formula A wherein R3 is a group of formula (V) where $R4' =$ O-glycosyl.

38. (new) The composition of matter of claim 32, wherein the composition comprises a compound of formula A wherein R3 is a group of formula (VI) where $n = 1$ or 2 and $R_{6'} =$ hydrogen or methyl.

39. (new) The composition of matter of claim 32, wherein the composition comprises a compound of formula A wherein R3 is a group of formula (VII) where $n = 1, 2$ or 3 and $R_{6'} =$ hydrogen or methyl, and $R_{4'} =$ O-glycosyl.

40. (new) The composition of matter of claim 32, wherein the composition comprises a compound of formula A wherein R3 is a group of formula (VIII) where $R_{4'} =$ O-glycosyl.

41. (new) The composition of matter of claim 32, wherein the composition comprises a compound of formula A wherein R3 is a group of formula (IX) where $n = 1, 2$ or 3 and $R_{6'} =$ hydrogen or methyl, and $R_{4'} =$ O-glycosyl.

42. (new) The composition of matter of claim 32, wherein the composition comprises a compound of formula A wherein R3 is a group of formula (X) wherein $n = 1$ or 2 and $R_{6'} =$ hydrogen or methyl.

43. (new) The composition of matter of claim 32, wherein the composition comprises a compound of formula A wherein R3 is a group of formula (XI) where wherein $n = 0, 1, 2$ or 3 and $R_{4'} =$ O-glycosyl.

44. (new) The composition of matter of claim 32, wherein the composition comprises a compound of formula A wherein R3 is a group of formula (XII).

45. (new) The composition of matter of claim 32, wherein the composition comprises a compound of formula A wherein R3 is a group of formula (XIII) where R₄' = O-glycosyl.

46. (new) The composition of matter of claim 32, wherein the composition comprises a compound of formula A wherein R3 is a group of formula (XIV).

47. (new) The composition of matter of claim 32, wherein the composition comprises a compound of formula A wherein R3 is a group of formula (XV) where R₄' = O-glycosyl.

48. (new) The composition of matter of claim 32, wherein the composition comprises a compound of formula A wherein R3 is a group of formula (XVI).

49. (new) The composition of matter of claim 32, wherein the composition comprises a compound of formula A wherein R3 is a group of formula (XVII) where R₄' = O-glycosyl.

50. (new) The composition of matter of claim 32, wherein the composition comprises a compound of formula A wherein R3 is a group of formula (XVIII).

51. (new) The composition of matter of claim 32, wherein the composition comprises a compound of formula A wherein R₃ is a group of formula (XIX) where R₄' = O-glycosyl.

52. (new) The composition of matter of claim 29, wherein the composition comprises one or more of (3*E*)-3-methyl-4-(2,6,6-trimethylcyclohex-1-en-1-yl)but-3-ene-2-one, N-[(2*E*)-1,2-dimethyl-3-(2,6,6-trimethylcyclohex-1-en-1-yl)prop-2-en-1-ylidene]-L-alanine, (3*E*,5*E*,7*E*)-3,6,7-trimethyl-8-(2,6,6-trimethylcyclohex-1-en-1-yl)octa-3,5,7-trien-2-one, N-[(2*E*,4*E*,6*E*)-1,2,5,6-tetra-methyl-7-(2,6,6-trimethylcyclohex-1-en-1-yl)hepta-2,4,6-trien-1-ylidene]-L-alanine, (3*E*)-4-(2,6,6-trimethylcyclohex-1-en-1-yl)but-3-en-2-one, (2*E*,3*E*)-4-(2,6,6-trimethylcyclohex-1-en-1-yl)but-3-en-2-one oxime, (3*E*,5*E*)-6-methyl-8-(2,6,6-trimethylcyclohex-1-en-1-yl)octa-3,5-dien-2-one, N-[(2*E*,4*E*)-1,5-dimethyl-7-(2,6,6-trimethylcyclohex-1-en-1-yl)-hepta-2,4-dien-1-ylidene]-L-alanine, N-[(2*E*,4*E*)-1,5-dimethyl-7-(2,6,6-trimethylcyclohex-1-en-1-yl)hepta-2,4-dien-1-ylidene]-L-alanyl-L-alanine, 2-[[[(1*E*,2*E*,4*E*)-1,5-dimethyl-7-(2,6,6-trimethylcyclohex-1-en-1-yl)-hepta-2,4-dien-1-ylidene]amino]ethanol, (2*E*,3*E*,5*E*)-6-methyl-8-(2,6,6-trimethylcyclohex-1-en-1-yl)octa-3,5-dien-2-one oxime, 2-[[[(1*E*,2*E*,4*E*)-1,5-dimethyl-7-(2,6,6-trimethylcyclohex-1-en-1-yl)hepta-2,4-dien-1-ylidene]amino]ethyl acetate, (2*E*,4*E*)-1,5-dimethyl-7-(2,6,6-trimethylcyclohex-1-en-1-yl)hepta-2,4-dien-1-yl-D-glucopyranoside, (2*E*,4*E*)-1,5-dimethyl-7-(2,6,6-trimethylcyclohex-1-en-1-yl)-hepta-2,4-dien-1-yl 4-O-β-D-glucopyranosyl-D-glucopyranoside, (2*E*,4*E*)-1,5-dimethyl-7-(2,6,6-trimethylcyclohex-1-en-1-yl)hepta-2,4-dien-1-yl L-alanyl-L-

alaninate, 3-methyl-8-(2,6,6-trimethylcyclohexyl-1-enyl)octa-3,5,7-trien-2-one, N-[(2E,4E,6E)-1,5-dimethyl-7-(2,6,6-trimethylcyclohex-1-en-1-yl)hepta-2,4,6-trien-1-ylidene]-L-alanine, 2-[[[(1E,2E,4E,6E)-1,5-dimethyl-7-(2,6,6-trimethylcyclohex-1-en-1-yl)hepta-2,4,6-trien-1-ylidene]amino}-ethanol, (2E,3E,5E,7E)-6-methyl-8-(2,6,6-trimethylcyclohex-1-en-1-yl)-octa-3,5,7-trien-2-one oxime, 2-[[[(1E,2E,4E,6E)-1,5-dimethyl-7-(2,6,6-trimethylcyclohex-1-en-1-yl)hepta-2,4,6-trien-1-ylidene]amino}ethyl acetate, (2E,4E,6E)-1,5-dimethyl-7-(2,6,6-trimethylcyclohex-1-en-1-yl)hepta-2,4,6-trien-1-yl D-glucopyranoside, (2E,4E,6E)-1,5-dimethyl-7-(2,6,6-trimethylcyclohex-1-en-1-yl)hepta-2,4,6-trien-1-yl 4-O-β-D-glucopyranosyl-D-glucopyranoside, (2E,4E,6E)-1,5-dimethyl-7-(2,6,6-trimethylcyclohex-1-en-1-yl)hepta-2,4,6-trien-1-yl L-alanyl-L-alaninate, (2E,4E)-3-methyl-5-(2,6,6-trimethylcyclohexyl-1-enyl)penta-2,4-dienal, N-[(2E,4E)-3,4-dimethyl-5-(2,6,6-trimethylcyclohex-1-en-1-yl)penta-2,4-dien-1-ylidene]-L-alanine, 2-[[[(1E,2E,4E)-3,4-dimethyl-5-(2,6,6-trimethylcyclohex-1-en-1-yl)penta-2,4-dien-1-ylidene]amino}ethanol, (2E,4E,6E,8E,10E)-3,4,9,10-tetramethyl-11-(2,6,6-trimethylcyclohex-1-en-1-yl)undeca-2,4,6,8,10-pentaenal, N-[(2E,4E,6E,8E,10E)-3,4,9,10-tetramethyl-11-(2,6,6-trimethylcyclohex-1-en-1-yl)undeca-2,4,6,8,10-pentaen-1-ylidene]-L-alanine, 2-[[[(1E,2E,4E,6E,8E,10E)-3,4,9,10-tetramethyl-11-(2,6,6-trimethylcyclohex-1-en-1-yl)undeca-2,4,6,8,10-pentaen-1-ylidene]amino}-ethanol, [(2E,4E)-3,4-dimethyl-5-(2,6,6-trimethylcyclohex-1-en-1-yl)penta-2,4-dien-1-yl L-alanyl-L-alaninate, (2E,4E)-3,4-dimethyl-5-(2,6,6-trimethylcyclohex-1-en-1-yl)penta-2,4-dien-1-yl D-glucopyranoside, (2E,4E)-3,4-dimethyl-5-(2,6,6-trimethylcyclohex-1-en-1-yl)penta-2,4-dien-1-yl 4-O-D-glycopyranosyl-D-glucopyranoside,

pyranoside, (2*E*,4*E*,8*E*,10*E*)-3,4,9,10-tetra-methyl-11-(2,6,6-trimethylcyclohex-1-en-1-yl)undeca-2,4,8,10-tetraen-1-yl L-alanyl-L-alaninate, (2*E*,4*E*,8*E*,10*E*)-3,4,9,10-tetramethyl-11-(2,6,6-trimethylcyclohex-1-en-1-yl) undeca-2,4,8,10-tetraen-1-yl D-glucopyranoside, (2*E*,4*E*,8*E*,10*E*)-3,4,9,10-tetramethyl-11-(2,6,6-trimethylcyclohex-1-en-1-yl) undeca-2,4,8,10-tetraen-1-yl 4-O-D-glucopyranosyl-D-glucopyranoside, O-[glycosyl]retinol, (O-1,4-diglycosyl)retinol, (1*E*,3*E*)-2,3-dimethyl-4-(2,6,6-trimethylcyclohex-1-en-1-yl)buta-1,3-dien-1-yl D-glucopyranoside, (1*E*,3*E*)-2,3-dimethyl-4-(2,6,6-trimethylcyclohex-1-en-1-yl)buta-1,3-dien-1-yl 4-O-D-glucopyranosyl-D-glucopyranoside, (1*E*,3*E*)-2,3-dimethyl-4-(2,6,6-trimethylcyclohex-1-en-1-yl)buta-1,3-dien-1-yl-L-alanyl-L-alaninate, (4*E*)-3-methyl-5-(2,6,6-trimethylcyclohex-1-en-1-yl)pent-4-enal, *N*-[(4*E*)-3-methyl-5-(2,6,6-trimethylcyclohex-1-en-1-yl)pent-4-en-1-ylidene]-L-alanine, 2-[[[(1*E*,4*E*)-3-methyl-5-(2,6,6-trimethylcyclohex-1-en-1-yl)pent-4-en-1-ylidene]amino]ethanol, 13,14-dihydroretinal, *N*-[(4*E*,6*E*,8*E*)-3,7-dimethyl-9-(2,6,6-trimethylcyclohex-1-en-1-yl)nona-4,6,8-trien-1-ylidene]-L-alanine, 2-[[[(1*E*,4*E*,6*E*,8*E*)-3,7-dimethyl-9-(2,6,6-trimethylcyclohex-1-en-1-yl)nona-4,6,8-trien-1-ylidene]amino]ethanol, (4*E*)-3-methyl-5-(2,6,6-trimethylcyclohex-1-en-1-yl)pent-4-en-1-yl D-glucopyranoside, (4*E*)-3-methyl-5-(2,6,6-trimethylcyclohex-1-en-1-yl)pent-4-en-1-yl-4-O-β-D-glycopyranosyl-D-glucopyranoside, (4*E*)-3-methyl-5-(2,6,6-trimethylcyclohex-1-en-1-yl)pent-4-en-1-yl L-alanyl-L-alaninate, O-(L-alanyl-L-alanyl)-13,14-dihydroretinol, 7,8,9,10,11,12,13,14-octahydroretinal, *N*-[3,7-dimethyl-9-(2,6,6-trimethylcyclohex-1-en-1-yl)nonylidene]-L-alanine, 2-[[[(1*E*)-3,7-dimethyl-9-(2,6,6-trimethylcyclohex-1-en-1-yl)nonylidene]amino]ethanol, O-(L-alanyl-L-alanyl)-

7,8,9,10,11,12,13,14-octahydroretinol, 11,12-dihydroretinal, *N*-[(2*E*,6*E*,8*E*)-3,7-dimethyl-9-(2,6,6-trimethyl-cyclohex-1-en-1-yl)nona-2,6,8-trien-1-ylidene]-L-alanine, 2-[[[(1*E*,2*E*,6*E*,8*E*)-3,7-dimethyl-9-(2,6,6-trimethylcyclohex-1-en-1-yl)nona-2,6,8-trien-1-ylidene]amino}ethanol, O-(L-alanyl-L-alanyl)-11,12-dihydroretinol, (8*E*)-10-methyl-7,10-dihydroretinal, *N*-[(2*E*,4*E*,7*E*)-3,6,7-trimethyl-9-(2,6,6-trimethylcyclohex-1-en-1-yl)nona-2,4,7-trien-1-ylidene]-L-alanine, 2-[[[(1*E*,2*E*,4*E*,7*E*)-3,6,7-trimethyl-9-(2,6,6-trimethylcyclohex-1-en-1-yl)nona-2,4,7-trien-1-ylidene]amino}ethanol, (8*E*)-O-(L-alanyl-L-alanyl)-10-methyl-7,10-dihydroretinol, (5*E*,7*E*)-6-methyl-8-(2,6,6-trimethylcyclohex-1-en-1-yl)octa-5,7-dien-2-one, *N*-[(4*E*,6*E*)-1,5-dimethyl-7-(2,6,6-trimethylcyclohex-1-en-1-yl)-hepta-4,6-dien-1-ylidene]-L-alanine, 2-[[[(1*E*,4*E*,6*E*)-1,5-dimethyl-7-(2,6,6-trimethylcyclohex-1-en-1-yl)hepta-4,6-dien-1-ylidene]amino}-ethanol, (4*E*,6*E*)-1,5-dimethyl-7-(2,6,6-trimethylcyclohex-1-en-1-yl)hepta-4,6-dien-1-yl D-glucopyranoside, (4*E*,6*E*)-1,5-dimethyl-7-(2,6,6-trimethyl-cyclohex-1-en-1-yl)hepta-4,6-dien-1-yl 4-O-β-D-glucopyranosyl-D-glucopyranoside and (4*E*,6*E*)-1,5-dimethyl-7-(2,6,6-trimethylcyclohex-1-en-1-yl)hepta-4,6-dien-1-yl L-alanyl-L-alaninate.

53. (new) The composition of matter of claim 29, wherein the composition comprises from 0.0001% to 30% by weight of one or more compounds of formula A.

54. (new) The composition of matter of claim 31, wherein the composition comprises from 0.01% to 10% by weight of one or more compounds of formula A.

55. (new) The composition of matter of claim 32, wherein the composition comprises from 0.02% to 2% by weight of one or more compounds of formula A.

56. (new) The composition of matter of claim 29, wherein the composition comprises one or more compounds of formula A in encapsulated form.

57. (new) The composition of matter of claim 56, wherein an encapsulation material comprises one or more of a collagen matrix, a cyclic oligosaccharide, alpha-, beta-, HP-beta-, random-Me-beta- and gamma-cyclodextrin, cellulose, gelatin, a wax matrix and liposomes.

58. (new) The composition of matter of claim 29, wherein the composition comprises at least one of a UVA filter, a UVB filter and an inorganic pigment.

59. (new) The composition of matter of claim 29, wherein the composition comprises from 0.001% to 30% by weight of one or more antioxidants.

60. (new) The composition of matter of claim 53, wherein the composition comprises from 0.05% to 20% by weight of one or more antioxidants.

61. (new) The composition of matter of claim 54, wherein the composition comprises from 0.1% to 10% by weight of one or more antioxidants.

62. (new) The composition of matter of claim 29, wherein the composition comprises at least one component selected from preservatives, bactericides, perfumes, substances for preventing foaming, dyes, fillers, pigments which have a coloring effect, thickeners, wetting and/or humectant substances, fats, oils, waxes, alcohols, polyols, polymers, foam stabilizers, electrolytes, organic solvents, silicone derivatives, moisturizers, vitamins, proteins, photoprotective agents, stabilizers, insect repellents, water, salts, antimicrobially, proteolytically or keratolytically effective substances, and medicaments.

63. (new) The composition of matter of claim 29, wherein the composition comprises from 0.05% to 30% by weight of glycerol.

64. (new) The composition of matter of claim 54, wherein the composition comprises from 1% to 10% by weight of glycerol.

65. (new) The composition of matter of claim 29, wherein the composition comprises one or more components selected from active ingredients which have a positive effect on the condition of the skin, promoting agents for restructuring connective tissue, active ingredients for assisting skin functions in cases of dry skin, active ingredients for at least one of alleviating and positively influencing

irritated skin states, inhibitors of prostaglandin metabolism, modulators of pigmentation, and active ingredients which bring about an enhanced or more rapid tanning of skin.

66. (new) The composition of matter of claim 65, wherein the composition comprises one or more components selected from bioquinones, creatin, creatinin, carnitine, biotin, isoflavone, cardiolipin, lipoic acid, antifreezing proteins, hop extracts, hop-malt extracts, isoflavonoids, vitamin C, propionic acid, green tea extracts, eucalyptus oil, urea, mineral salts, sea minerals, osmolytes, sericosides, extracts of licorice, licochalcones, silymarin, silyphos, dexpanthenol, inhibitors of cyclooxygenase metabolism, inhibitors of leukotriene metabolism, FLAP, tyrosine sulfate, dioic acid, lipoamide, kojic acid, hydroquinone, arbutin, fruit acids, bearberry (*Uvae ursi*), ursolic acid, green tea extracts, aminoguanidine, pyridoxamine, Advanced Glycation End products (AGE), lipofuscins, nucleic acid oligonucleotides, purins, pyrimidines, and NO-releasing substances.

67. (new) The composition of matter of claim 29, wherein the composition comprises at least one of an aqueous system and a surfactant preparation which is suitable for cleansing or care of at least one of skin and hair.

68. (new) The composition of matter of claim 29, wherein the composition comprises at least one of a multiple emulsion, a microemulsion, a Pickering emulsion and a sprayable emulsion.

69. (new) The composition of matter of claim 29, wherein the composition comprises at least one of a presun formulation, a sunscreen formulation and an aftersun formulation.

70. (new) The composition of matter of claim 29, wherein the composition is in a form which is suitable for topical application to at least one of skin and hair.

71. (new) A composition for application to at least one of skin and hair, wherein the composition is selected from at least one of a shower gel, a shampoo, a conditioner, a hair care treatment, a hair rinse, a hair tonic, a hair spray, a make-up composition, a skin protection cream, a face cream, a cleansing cream, a sunscreen cream, a nutrient cream, a day cream, a night cream, a gel, a lotion, and a cleansing preparation and comprises the composition of matter of claim 29.

72. (new) A method of tanning skin, wherein the method comprises applying the composition of matter of claim 29 to skin.

73. (new) A method of caring for skin, wherein the method comprises applying the composition of matter of claim 29 to skin.

74. (new) A method of protecting skin or hair from harmful UV rays, wherein the method comprises applying the composition of matter of claim 29 to the skin or hair to be protected.

75. (new) A method of increasing synthesis of melanin in skin, wherein the method comprises applying the composition of matter of claim 29 to skin.

76. (new) A method of prolonging brown coloration of skin, wherein the method comprises applying the composition of matter of claim 29 to skin.

77. (new) A method of protecting skin against oxidative stress, wherein the method comprises applying the composition of matter of claim 29 to skin.

78. (new) A method of protecting skin against chronological and photo-induced skin aging, wherein the method comprises applying the composition of matter of claim 29 to skin.

79. (new) A method of intensifying hair color, wherein the method comprises applying the composition of matter of claim 29 to hair.

80. (new) A method of preventing at least one of graying of hair and for protecting hair against sunlight-induced bleaching, wherein the method comprises applying the composition of matter of claim 29 to hair.

81. (new) The composition of matter of claim 29, wherein the composition is capable of at least one of increasing skin tanning and melanin synthesis in at least one of skin and hair.